024 2-chlorophenol
025 1,2-dichlorobenzene
026 1,3-dichlorobenzene
027 1,4-dichlorobenzene
028 3,3-dichlorobenzidine
029 1,1-dichloroethylene
030 1,2-trans-dichloroethylene
031 2,4-dichlorophenol
032 1,2-dichloropropane
033 1,2-dichloropropylene (1,3-dichloropropene)
034 2,4-dimethylphenol
035 2,4-dinitrotoluene
036 2,6-dinitrotoluene
037 1,2-diphenylhydrazine
038 Ethylbenzene
039 Fluoranthene
040 4-chlorophenyl phenyl ether
041 4-bromophenyl phenyl ether
042 Bis(2-chloroisopropyl) ether
043 Bis(2-chloroethoxy) methane
044 Methylene chloride (dichloromethane)
045 Methyl chloride (dichloromethane)
046 Methyl bromide (bromomethane)
047 Bromoform (tribromomethane)
048 Dichlorobromomethane
051 Chlorodibromomethane
052 Hexachlorobutadiene
053 Hexachloromyclopentadiene
054 Isophorone
055 Naphthalene
056 Nitrobenzene
057 2-nitrophenol
058 4-nitrophenol
059 2,4-dinitrophenol
060 4,6-dinitro-o-cresol
061 N-nitrosodimethylamine
062 N-nitrosodiphenylamine
063 N-nitrosodi-n-propylamin
064 Pentachlorophenol
065 Phenol
066 Bis(2-ethylhexyl) phthalate
067 Butyl benzyl phthalate
068 Di-N-Butyl Phthalate
069 Di-n-octyl phthalate
070 Diethyl Phthalate
071 Dimethyl phthalate
072 1,2-benzanthracene (benzo(a) anthracene
073 Benzo(a)pyrene (3,4-benzo-pyrene)
074 3,4-Benzofluoranthene (benzo(b) fluoranthene)
075 11,12-benzofluoranthene (benzo(b) fluoranthene)
076 Chrysene
077 Acenaphthylene
078 Anthracene
079 1,12-benzoperylene (benzo(ghi) perylene)
080 Fluorene
081 Phenanthrene
082 1,2,5,6-dibenzanthracene (dibenzo(,h) anthracene)
083 Indeno (,1,2,3-cd) pyrene (2,3-o-pheynylene pyrene)
084 Pyrene
085 Tetrachloroethylene
086 Toluene
087 Trichloroethylene
088 Vinyl chloride (chloroethylene)
089 Aldrin
090 Dieldrin
091 Chlordane (technical mixture and metabolites)
092 4,4-DDT
093 4,4-DDE (p,p-DDX)
094 4,4-DDD (p,p-TDE)
095 Alpha-endosulfan
096 Beta-endosulfan
097 Endosulfan sulfate
098 Endrin
099 Endrin aldehyde
100 Heptachlor
101 Heptachlor epoxide (BHC-hexachlorocyclohexane)
102 Alpha-BHC
103 Beta-BHC
104 Gamma-BHC (lindane)
105 Delta-BHC (PCB-polychlorinated biphenyls)
106 PCB–1242 (Arochlor 1242)
107 PCB–1254 (Arochlor 1254)
108 PCB–1221 (Arochlor 1221)
109 PCB–1232 (Arochlor 1232)
110 PCB–1248 (Arochlor 1248)
111 PCB–1260 (Arochlor 1260)
112 PCB–1016 (Arochlor 1016)
113 Toxaphene
114 Antimony
115 Arsenic
116 Asbestos
117 Beryllium
118 Cadmium
119 Chromium
120 Copper
121 Cyanide, Total
122 Lead
123 Mercury
124 Nickel
125 Selenium
126 Silver
127 Thallium
126 Silver
128 Zinc
129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (TCDD)

PART 424—FERROALLOY MANUFACTURING POINT SOURCE CATEGORY

Subpart A—Open Electric Furnaces With Wet Air Pollution Control Devices Subcategory

Sec.

Subpart B—Covered Electric Furnaces and Other Smelting Operations With Wet Air Pollution Control Devices Subcategory

Subpart C—Slag Processing Subcategory

Subpart D—Covered Calcium Carbide Furnaces With Wet Air Pollution Control Devices Subcategory

Subpart E—Other Calcium Carbide Furnaces Subcategory

Subpart F—Electrolytic Manganese Products Subcategory

Subpart G—Electrolytic Chromium Subcategory

AUTHORITY: Secs. 301, 304(b) and (c), 306(b) and (c), 307(c) of the Federal Water Pollution Control Act, as amended; 33 U.S.C. 1251, 1311, 1314(b) and (c), 1316 (b) and (c), 1317(c); 86 Stat. 816 *et seq.*, Pub. L. 92–500; 91 Stat. 1567, Pub. L. 95–217.

SOURCE: 39 FR 6809, Feb. 22, 1974, unless otherwise noted.

Subpart A—Open Electric Furnaces With Wet Air Pollution Control Devices Subcategory

§ 424.10 Applicability; description of the open electric furnaces with wet air pollution control devices subcategory.

The provisions of this subpart are applicable to discharges resulting from the smelting of ferroalloys in open electric furnaces with wet air pollution control devices. This subcategory includes those electric furnaces of such construction or configuration that the furnace off-gases are burned above the furnace charge level by air drawn into the system. After combustion the gases are cleaned in a wet air pollution control device, such as a scrubber, an electrostatic precipitator with water or other aqueous sprays, etc. The provisions of this subpart are not applicable to noncontact cooling water or to those electric furnaces which are covered, closed, sealed, or semi-covered and in which the furnace off-gases are not burned prior to collection (regulated in subpart B of this part).

§ 424.11 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

(b) The term *Mwh* shall mean megawatt hour(s) of electrical energy consumed in the smelting process (furnace power consumption).

§ 424.12 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in §§ 125.30 through 125.32, and subject to the provisions of paragraph (a) of this section, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/Mwh)	
TSS	0.319	0.160
Chromium total	.006	.0032
Chromium VI	.0006	.0003
Manganese total	.064	.032
pH	(1)	(1)
	English units (lb/Mwh)	
TSS	.703	.352
Chromium total	.014	.007
Chromium VI	.0014	.0007
Manganese total	.141	.070
pH	(1)	(1)

[1] Within the range 6.0 to 9.0.

[39 FR 6809, Feb. 22, 1974, as amended at 60 FR 33957, June 29, 1995]

§ 424.13 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart after application of the best available technology economically achievable:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/Mwh)	
Chromium total	0.0008	0.0004
Chromium VI	.00008	.00004
Manganese total	.008	.0039
	English units (lb/Mwh)	
Chromium total	.0017	.0009
Chromium VI	.0002	.0001
Manganese total	.017	.0086

[44 FR 50744, Aug. 29, 1979]

§ 424.14 [Reserved]

§ 424.15 Standards of performance for new sources.

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a new source subject to the provisions of this subpart:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/Mwh)	
TSS	0.024	0.012
Chromium total	.0008	.0004
Chromium VI	.00008	.00004
Manganese total	.008	.0039
pH	(1)	(1)
	English units (lb/Mwh)	
TSS	.052	.026
Chromium total	.0017	.0009
Chromium VI	.0002	.0001
Manganese total	.017	.0086

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
pH	(1)	(1)

[1] Within the range 6.0 to 9.0.

§ 424.16 Pretreatment standards for new sources.

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403.

[60 FR 33957, June 29, 1995]

§ 424.17 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 424.12 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 25000, July 9, 1986]

Subpart B—Covered Electric Furnaces and Other Smelting Operations With Wet Air Pollution Control Devices Subcategory

§ 424.20 Applicability; description of the covered electric furnaces and other smelting operations with wet air pollution control devices subcategory.

The provisions of this subpart are applicable to discharges resulting from the smelting of ferroalloys in covered electric furnaces or other smelting operations, not elsewhere included in this part, with wet air pollution control devices. This subcategory includes those electric furnaces of such construction or configuration (known as covered,

closed, sealed, semi-covered or semi-closed furnaces) that the furnace off-gases are not burned prior to collection and cleaning, and which off-gases are cleaned after collection in a wet air pollution control device such as a scrubber, 'wet' baghouse, etc. This subcategory also includes those non- electric furnace smelting operations, such as exothermic (*i.e.*, aluminothermic or silicothermic) smelting, ferromanganese refining, etc., where these are controlled for air pollution by wet air pollution control devices. This subcategory does not include non-contact cooling water or those furnaces which utilize dry dust collection techniques, such as dry baghouses.

§ 424.21 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in part 401 of this chapter shall apply to this subpart.

(b) The term *Mwh* shall mean megawatt hour(s) of electrical energy consumed in the smelting process (furnace power consumption).

§ 424.22 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/Mwh)	
TSS	0.419	0.209
Chromium total	.008	.004
Chromium VI	.0008	.0004
Manganese total	.084	.042
Cyanide total	.004	.002
Phenols	.006	.004
pH	(1)	(1)
	English units (lb/Mwh)	
TSS	.922	.461
Chromium total	.018	.009
Chromium VI	.0018	.0009
Manganese total	.184	.092
Cyanide total	.009	.005
Phenols	.013	.009
pH	(1)	(1)

[1] Within the range 6.0 to 9.0.

Provided, however, That for nonelectric furnace smelting processes, the units of effluent limitations set forth in this section shall be read as ''kg/kkg of product'' rather than ''kg/Mwh,'' and the limitations (except for pH) shall be 3.3 times those listed in the table in this section (or, for English units, ''lb/ton of product'' rather than ''lb/Mwh,'' and the limitations (except for pH) shall be three times those listed in the table).

[39 FR 6809, Feb. 22, 1974, as amended at 39 FR 17841, May 21, 1974; 60 FR 33957, June 29, 1995]

§ 424.23 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart after application of the best available technology economically achievable:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/Mwh)	
Chromium total	0.001	0.0005
Chromium VI	.0001	.00005
Manganese total	.011	.005
Cyanide total	.0005	.0003
Phenols	.0004	.0002
	English units (lb/Mwh)	
Chromium total	.002	.0012
Chromium VI	.0002	.0001
Manganese total	.023	.012

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
Cyanide total	.001	.0006
Phenols	.0009	.0005

Provided, however, That for nonelectric furnace smelting processes, the units of effluent limitations set forth in this section shall be read as ''kg/kkg of product'' rather than ''kg/Mwh,'' and the limitations (except for pH) shall be 3.3 times those listed in the table in this section (or, for English units, ''lb/ton of product'' rather than ''lb/Mwh,'' and the limitations (except for pH) shall be three times those listed in the table).

[44 FR 50744, Aug. 29, 1979]

§ 424.24 [Reserved]

§ 424.25 Standards of performance for new sources.

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a new source subject to the provisions of this subpart:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/Mwh)	
TSS	0.032	0.016
Chromium total	.001	.0005
Chromium VI	.0001	.00005
Manganese total	.011	.005
Cyanide total	.0005	.0003
Phenols	.0004	.0002
pH	(1)	(1)
	English units (lb/Mwh)	
TSS	.071	.035
Chromium total	.002	.0012
Chromium VI	.0002	.0001
Manganese total	.023	.012
Cyanide total	.001	.0006
Phenols	.0009	.0005
pH	(1)	(1)

[1] Within the range 6.0 to 9.0.

Provided, however, That for nonelectric furnace smelting processes, the units of effluent limitations set forth in this section shall be read as ''kg/kkg of product'' rather than ''kg/Mwh,'' and the limitations (except for pH) shall be 3.3 times those listed in the table in this section (or, for English units, ''lb/ton of product'' rather than ''lb/Mwh,'' and the limitations (except for pH) shall be three times those listed in the table).

[39 FR 6809, Feb. 22, 1974, as amended at 39 FR 17841, May 21, 1974]

§ 424.26 Pretreatment standards for new sources.

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403.

[60 FR 33957, June 29, 1995]

§ 424.27 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 424.22 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 25000, July 9, 1986]

Subpart C—Slag Processing Subcategory

§ 424.30 Applicability; description of the slag processing subcategory.

The provisions of this subpart are applicable to discharges resulting from slag processing, wherein: (a) The residual metallic values in the furnace slag are recovered via concentration for return to the furnace, or (b) the slag is ''shotted'' for other further use.

§ 424.31 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and

methods of analysis set forth in part 401 of this chapter shall apply to this subpart.

§ 424.32 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg processed)	
TSS	2.659	1.330
Chromium total	0.053	0.026
Manganese total	.532	.266
pH	(1)	(1)
	English units (lb/ton processed)	
TSS	5.319	2.659
Chromium total	0.106	0.053
Manganese total	1.064	.532
pH	(1)	(1)

[1] Within the range 6.0 to 9.0.

[39 FR 6809, Feb. 22, 1974, as amended at 60 FR 33957, June 29, 1995]

§ 424.33 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart after application of the best available technology economically achievable:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg processed)	
Chromium total	0.0054	0.0027
Manganese total	.054	.027
	English units (lb/ton of raw material)	
Chromium total	.011	.0054
Manganese total	.108	.054

[44 FR 50745, Aug. 29, 1979]

§ 424.34 [Reserved]

§ 424.35 Standards of performance for new sources.

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a new source subject to the provisions of this subpart:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg processed)	
TSS	0.271	0.136
Chromium total	.0054	.0027
Manganese total	0.054	.027
pH	(1)	(1)
	English units (lb/ton processed)	
TSS	.542	.271
Chromium total	.011	.0054
Manganese total	.108	.054
pH	(1)	(1)

[1] Within the range 6.0 to 9.0.

§ 424.36 Pretreatment standards for new sources.

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403.

[60 FR 33957, June 29, 1995]

§ 424.37 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 424.32 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 25000, July 9, 1986]

Subpart D—Covered Calcium Carbide Furnaces With Wet Air Pollution Control Devices Subcategory

SOURCE: 40 FR 8035, Feb. 24, 1975, unless otherwise noted.

§ 424.40 Applicability; description of the covered calcium carbide furnaces with wet air pollution control devices subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of calcium carbide in covered electric furnaces which use wet air pollution control devices. This subcategory includes those electric furnaces of such construction or configuration (known as covered, closed, sealed, semi-covered or semi-closed furnaces) that the furnace off-gases are not burned prior to collection and cleaning, and which off-gases are cleaned after collection in a wet air pollution control device such as a scrubber, ';wet' baghouse, etc. This subcategory does not include noncontact cooling water or those furnaces which utilize dry dust collection techniques, such as dry baghouses.

§ 424.41 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

§ 424.42 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in §§ 125.30 through 125.32, and subject to the provisions of paragraph (a) of this section, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg of product)	
TSS	0.380	0.190
Total Cyanide	.0056	.0028
pH	(1)	(1)
	English units (lb/1000 lb of product)	
TSS	.380	.190
Total Cyanide	.0056	.0028
pH	(1)	(1)

[1] Within the range 6.0 to 9.0.

[40 FR 8035, Feb. 24, 1975, as amended at 60 FR 33957, June 29, 1995]

§ 424.43 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart after application of the best available technology economically achievable:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg of product)	
Total Cyanide	0.0056	0.0028
	English units (lb/1000 lb of product)	
Total Cyanide	.0056	.0028

[44 FR 50745, Aug. 29, 1979]

§§ 424.44–424.46 [Reserved]

§ 424.47 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 424.42 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 25000, July 9, 1986]

Subpart E—Other Calcium Carbide Furnaces Subcategory

SOURCE: 40 FR 8035, Feb. 24, 1975, unless otherwise noted.

§ 424.50 Applicability; description of the other calcium carbide furnaces subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of calcium carbide in those covered furnaces which do not utilize wet air pollution control methods. Covered calcium carbide furnaces using wet air pollution control devices are regulated in subpart D of this part. Open (uncovered) calcium carbide furnaces are regulated in part 415, inorganic chemicals manufacturing point source category (39 FR 9612).

§ 424.51 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

§ 424.52 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in §§ 125.30 through 125.32, and subject to the provisions of paragraph (a) of this section, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT): There shall be no discharge of process waste water pollutants to navigable waters.

[60 FR 33957, June 29, 1995]

§ 424.53 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of the best available technology economically achievable: There shall be no discharge of process waste water pollutants to navigable waters.

§§ 424.54–424.56 [Reserved]

§ 424.57 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

The following limitations establish the quantity or quality of pollutants or pollutant properties, which may be discharged by a point source subject to the provisions of this subpart after application of the best conventional pollutant control technology: There shall be no discharge of process waste water pollutants to navigable waters.

[44 FR 50745, Aug. 29, 1979]

Subpart F—Electrolytic Manganese Products Subcategory

SOURCE: 40 FR 8036, Feb. 27, 1975, unless otherwise noted.

§ 424.60 Applicability; description of the electrolytic manganese products subcategory.

The provisions of this subpart are applicable to discharges resulting from the manufacture of electrolytic manganese products such as electrolytic manganese metal or electrolytic manganese dioxide.

§ 424.61 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

(b) [Reserved]

§ 424.62 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

(a) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section which may be discharged by a point source subject to the provisions of this subpart producing electrolytic manganese after application of the best practicable control technology currently available:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg of product)	
TSS	6.778	3.389
Manganese	2.771	1.356
Ammonia-N	40.667	20.334
pH	(1)	(1)

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	English units (lb/1,000 lb of product)	
TSS	6.778	3.389
Manganese	2.771	1.356
Ammonia-N	40.667	20.334
pH	(1)	(1)

[1] Within the range 6.0 to 9.0.

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart producing electrolytic manganese dioxide after application of the best practicable control technology currently available:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg of product)	
TSS	1.762	0.881
Manganese	0.705	.352
Ammonia-N	10.574	5.287
pH	(1)	(1)
	English units (lb/1,000 lb of product)	
TSS	1.762	.881
Manganese	.705	.352
Ammonia-N	10.574	5.287
pH	(1)	(1)

[1] Within the range 6.0 to 9.0.

[40 FR 8036, Feb. 27, 1975, as amended at 60 FR 33957, June 29, 1995]

§ 424.63 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

(a) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart producing electrolytic manganese after application of the best available technology economically achievable:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg of product)	
Manganese	0.678	0.339
Ammonia-N	6.778	3.389
	English units (lb/1,000 lb of product)	
Manganese	0.678	0.339
Ammonia-N	6.778	3.389

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart producing electrolytic manganese dioxide after application of the best available technology economically achievable:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg of product)	
Manganese	0.176	0.088
Ammonia-N	1.762	.881
	English units (lb/1,000 lb of product)	
Manganese	0.176	0.088
Ammonia-N	1.762	.881

[44 FR 50745, Aug. 29, 1979]

§§ 424.64–424.66 [Reserved]

§ 424.67 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 424.62 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 25000, July 9, 1986]

Subpart G—Electrolytic Chromium Subcategory

SOURCE: 40 FR 8037, Feb. 27, 1975, unless otherwise noted.

§ 424.70 Applicability; description of the electrolytic chromium subcategory.

The provisions of this subpart are applicable to discharges resulting from the manufacture of chromium metal by the electrolytic process. They are not applicable to discharges resulting from the manufacture of chromium metal by aluminothermic or other methods.

§ 424.71 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

§ 424.72 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg of product)	
TSS	5.276	2.638
Manganese	2.111	1.055
Chromium	0.106	0.053
Ammonia-N	10.553	5.276
pH	(1)	(1)
	English units (lb/1,000 lb of product)	
TSS	5.276	2.638
Manganese	2.111	1.055
Chromium	0.106	0.053
Ammonia-N	10.553	5.276

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
pH	(1)	(1)

[1] Within the range 6.0 to 9.0.

[40 FR 8037, Feb. 27, 1975, as amended at 60 FR 33957, June 29, 1995]

§ 424.73 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart after application of the best available technology economically achievable:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg of product)	
Manganese	0.530	0.265
Chromium	.053	.027
Ammonia-N	5.297	2.649
	English units (lb/1,000 lb of product)	
Manganese	0.530	0.265
Chromium	.053	.027
Ammonia-N	5.297	2.649

[44 FR 50746, Aug. 29, 1979]

§§ 424.74–424.76 [Reserved]

§ 424.77 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 424.72 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 25000, July 9, 1986]